## IN THE CLAIMS:

1.    (currently amended)      In a multifunction peripheral (MFP) device with a plurality of functions, a method for allocating random access memory (RAM), the method comprising:

supplying an MFP user interface;  and,

using the user interface for selecting a percentage of RAM allocated to <u>a document format</u> an MFP function.

2-3.    canceled

4.    (currently amended)      The method of claim [[28]] <u>1</u> wherein selecting the percentage of RAM allocation for the document format includes selecting the allocation of RAM for a document format selected from the group including post script (PS) documents, printer control language (PCL) documents, tagged image file format (TIFF) documents, and portable document format (PDF) documents.

5.    (previously presented)      The method of claim 1 wherein supplying a user interface includes supplying a graphical user interface (GUI) to present RAM allocation options;  and,

wherein selecting the percentage of RAM allocation includes allocating portions of RAM in response to GUI prompts.

6.    (previously presented)      The method of claim 5 in which the MFP has a front panel display;  and,

wherein supplying a user interface includes supplying a GUI on the MFP front panel to present RAM allocation options.

7.    (previously presented)    The method of claim 5 in which the MFP is connected to a computer workstation with a display;

wherein supplying a user interface includes:

receiving a request from a browser loaded on the computer workstation; and,

from an embedded web server in the MFP, supplying a GUI to the computer workstation display, presenting RAM allocation options.

8.    (currently amended)    The method of claim 5 further comprising:

establishing predetermined ranges to limit each RAM allocation; and,

wherein selecting the percentage of RAM allocation includes allocating portions of RAM to <u>document formats</u> MFP functions within the range of established allocation limits.

9.    (currently amended)    The method of claim 5 wherein supplying a GUI to present RAM allocation options includes presenting a memory configuration table cross-referencing <u>document formats</u> MFP functions to their respective RAM memory allocations.

10.    (currently amended)    The method of claim 1 further comprising:

following selecting the allocation of RAM for <u>document</u> <u>formats</u> ~~MFP functions~~, rebooting the MFP device to distribute the RAM memory allocations ~~to their respective functions~~.

11.    (currently amended)     The method of claim 1 further comprising:

in response to user interface prompts, prioritizing the <u>document formats</u> ~~MFP functions~~; and,

in the event of contention for RAM between <u>document</u> <u>formats</u> ~~MFP functions~~, allocating additional RAM to the contending <u>document format</u> ~~MFP function~~ with the higher priority.

12.    (currently amended)     The method of claim 1 further comprising:

following the selecting of the allocation of RAM for <u>document</u> <u>formats</u> ~~MFP functions~~, storing the allocations as an allocation profile;

establishing a plurality of stored allocation profiles; and,

supplying a user interface to select allocation profiles.

13.    (previously presented)     The method of claim 1 wherein supplying a user interface includes supplying a GUI to present predetermined allocation tables; and,

wherein selecting the percentage of RAM allocation includes selecting the allocations from the presented allocation tables.

14.    (previously presented)    In a multifunction

peripheral (MFP) device with a plurality of functions, a system for

allocating random access memory (RAM), the system comprising:

a user interface for selecting a percentage of RAM allocation

for document formats ~~an MFP function~~;

an allocator to allocate the selected percentage of RAM;  and,

RAM allocated to the temporary storage of documents by

document format ~~for processing by the MFP in response to MFP functions~~.


15-16. canceled


17.    (currently amended)    The system of claim [[29]] 14

wherein the user interface supplies prompts for selecting the percentage

of RAM allocation for a document format selected from the group

including post script (PS) documents, printer control language (PCL)

documents, tagged image file format (TIFF) documents, and portable

document format (PDF) documents.


18.    (currently amended)    The system of claim 14

further comprising:

an MFP front panel display;

wherein the user interface is a graphical user interface (GUI)

to present RAM allocation options on the display;  and,

wherein the allocator allocates RAM for document formats

~~MFP functions~~ in response to GUI prompts on the display.

19.    (previously presented)    The system of claim 18 further comprising:

a computer workstation including a browser and a display that are network-connected to the MFP;  and,

wherein the user interface includes an embedded web server in the MFP, responsive to computer workstation browser requests, to supply a GUI on the computer workstation display presenting RAM allocation options.

20.    (original)    The system of claim 17 wherein the allocator operates within predetermined ranges to limit each RAM allocation.

21.    (currently amended)    The system of claim 17 wherein the user interface presents a memory configuration table GUI cross-referencing document formats MFP functions to their respective RAM allocations;  and,

wherein the allocator allocates RAM for document formats MFP functions in response to the memory configuration table GUI.

22.    (currently amended)    The system of claim 14 wherein the allocator is rebooted following the allocation of RAM for document formats MFP functions, to distribute the RAM allocations to their respective functions.

23.  (currently amended)    The system of claim 14 wherein the user interface supplies prompts to prioritize the document formats MFP functions; and,

wherein the allocator allocates additional RAM to a contending document formats MFP function with the higher priority, in the event of contention for RAM between document formats MFP functions.

24.  (previously presented)    The system of claim 14 further comprising:

a memory to store selected RAM allocations as a plurality of allocation files; and,

wherein the user interface supplies prompts to select stored allocation profiles from the memory.

25.  (currently amended)    The system of claim 14 wherein the user interface supplies a GUI of predetermined allocation tables; and,

wherein the allocator allocates RAM for document formats MFP functions in response to allocation table interface prompts.

26.  (previously presented)    In a multifunction peripheral (MFP) device, a system for allocating random access memory (RAM), the system comprising:

a user interface to select the percentage RAM allocated to a document format;

an allocator for the allocation of RAM, responsive to the user interface selections; and,

RAM allocated to the temporary storage of documents for processing by the MFP.

27.    (previously presented)    The system of claim 26 wherein the user interface selects the allocation of RAM for a document format selected from the group including post script (PS) documents, printer control language (PCL) documents, tagged image file format (TIFF) documents, and portable document format (PDF) documents.

28-31. canceled